AEE/SSO/SDA/0032/20-21 dt. 23/11/2020

Original/Duplicate/Triplicate

No:

CONTRACT CERTIFICATE

(For Other works)

Division: Dasarahalli Date:

Job code No: 013-19-000014 (P code -3294)

Sub Division: Shettyhalli Sub Div

Bill Received No..... Date..... Cash Book Voucher No..... Dated.....

Scheduled Docted No.

Name of work (as per sanctioned estimate):- **Construction of toilet at shetyyhalli circle near Shettyhalli Sub Division in ward no13**

Name of the Contractor and Full Address: - **The Technical Manager KRIDL**

Reference to work order BBMP/EE/DD/WO/16/2020-21 , DATE: 15-05-2020

Certified that the measurement were taken by me on 11/11/2020 and recorded of pages 487532 - 487540

Of measurement Book No: 4876 And that the work is satisfactorily executed.

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Office-in-charge of work

Certified that the measurements were taken by me on 11/11/2020 And found correct.

The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agree upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment **Job code : 013-19-000014**

Sub division officer

1)Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being.....percent Rs.....	
3)Deduct amount to be held in Balance	
4)Deduct Payments:	
a)Amount of Previous payment as in the office Cash book Voucher No..... Dated.....S.D.No.....	
Amount adjusted towards cash advance recovery of	
b)Payments cost store or other materials supplied	
Now made recovery of amount creditable to this/other work	
Amount paid on this bill Cheque/Cash.	
5)Balance being unpaid value of work done held in reserve	
6)Deduct cash advance made on the office cash Book Voucher No..... Dated..... less adjustments	
7)Net amount due to or from contractor Unadjusted items	
8)Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

Amount for all Bill → 29874₹5=00

IT → 59750=00

Lwe → 29875=00 (-)

CSF → 2987=00 (-)

FSD → 149374=00 (-) 317190=00

Roy → 21856=00

CGST → 26674=00

SGST → 26674=00

Net Amount = 2670285=00

Received Rs..... (In words)

.....

By cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

Paid by me by cheque No.....Dated.....

Cast Rs.....

Initials of Office making payment

Contractor's Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Audited and admitted for Rs. 29874₹5=00

Passed by Cheque for Rs. 2670285=00 (For use in the Office)

(Twenty Six Lakh Seventy thousand two hundred eighty five only)

by adj..... 317190=00

Executive Engineer

Accounts Superintendent Exe. Engineer

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement		Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Amount	Qty	Amount
1	Earth work excavation for foundation of building water sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of colds complete as per specifications.	Cum	164.54	484.92	79788.74			164.54	79788.74	164.54	79788.74
2	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	47.49	5698.60	270626.51			47.49	270626.51	47.49	270626.51
3	Providing and constructing granite /trap/ baslat size stone masonry in foundation with cement mortar 1:6, stones hammerd dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications	Cum	29.45	4983.92	146776.44			29.45	146776.44	29.45	146776.44
4	Providing ruled pointing to coursed stone masonry with cement mortar 1:3 20mm deep, after raking joints to depth of 20mm necely lining, including cost of materials, labour, curing complete as per specifications	Sqm	29.76	157.49	4686.90			29.76	4686.90	29.76	4686.90
5	Filling avaialble excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms in depth compacting each deposited layers by ramming after watering with lead upto 50m and lift upto 1.5m including cost of all labour complete as per specification	Cum	164.54	217.08	35718.34			164.54	35718.34	164.54	35718.34
6	KSRB 4.2.7: Providing and laying in position reinforced cement concrete cum of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super piasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspiliars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications.	Cum	55.09	6666.26	367244.26			55.09	367244.26	55.09	367244.26
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.05175cum and fine aggregtes @ 0.0345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete but excluding cost of reinforcement as per specifications.	Sqm	2.03	484.92	984.39			2.03	984.39	2.03	984.39
8	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500	Tonne	4.68	76643.28	358690.55			4.68	358690.55	4.68	358690.55
9	Providing and removing centering shuttering strutting propping etc., and removal of form work for columns, pillars, abutments, post and struts square/ rectangular/ polygon in plan including cost of all materials labour complete as per specification	Sqm	72.32	492.48	35616.15			72.32	35616.15	72.32	35616.15
10	Providing and removing centering shuttering strutting propping etc., and removal of form work for sides and soffits of beams beam houchings cantilever girders bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specification	Sqm	119.84	315.36	37792.74			119.84	37792.74	119.84	37792.74
11	Providing and removing centering shuttering strutting propping etc., for chejjas, corbels etc., including edges including cost of all materials, labour complete as per specifications	Sqm	2.03	348.84	708.15			2.03	708.15	2.03	708.15
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs,landing, balconies and likes thickness upto 200mm including cost of materials, labour complete as per specification	Sqm	111.67	475.20	53065.58			111.67	53065.58	111.67	53065.58
13	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/rrim2 confirming to JS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 \ including cost of ail materials labour charges, scaffolding, curing, hirecharges of machineries etc., complete as per specifications, KBS No.54,17400x150x200mm	Sqm	149.21	1041.94	155467.87			149.21	155467.87	149.21	155467.87

CIVIL Pro.
IIK RECHAN
rized Signatory
uality Manager
@gmail.com

14	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc.,complete as per specifications	Sqm	45.89	878.86	40330.89			45.89	40330.89	45.89	40330.89
15	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering: providing and removing scaffolding, including cost of materials labour curing complete as per specifications	Sqm	227.61	301.80	68692.70			227.61	68692.70	227.61	68692.70
16	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling incluidng rounding off corners wherever required smooth rendering providing and removing scaffolding including cost of materials, labour curing complete as per specification .	Sqm	113.69	256.28	29136.47			113.69	29136.47	113.69	29136.47
17	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications	Sqm	270.30	316.25	85482.38			270.30	85482.38	270.30	85482.38
18	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications,	Sqm	137.97	34.56	4768.24			137.97	4768.24	137.97	4768.24
19	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. Area to be considered -(a) 100% for fresh surface	Sqm	137.97	84.24	11622.59			137.97	11622.59	137.97	11622.59
20	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer.	Sqm	137.97	97.20	13410.68			137.97	13410.68	137.97	13410.68
21	Extra for providing and applying every subsequent coat of painting with plastic emulsion paint of approved brand and shade for Item no.15-15.1 and 15-15.3 cost of materials, labour, complete as per specifications.	Sqm	137.97	39.96	5513.28			137.97	5513.28	137.97	5513.28
22	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications-do with primer	Sqm	270.30	110.16	29776.25			270.30	29776.25	270.30	29776.25
23	Extra for providing and applying every subsequent coat of waterproofing cement paint of approved brand and shade for Item no.15-16.1 cost of materials, labour, complete as per specifications.	Sqm	270.30	36.72	9925.42			270.30	9925.42	270.30	9925.42
24	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames wrought, framed of assembled including making plaster grooves (excluding cost of materials, labour, HOM of machineries complete as per specifications	Cum	0.95	94612.32	89881.70			0.95	89881.70	0.95	89881.70
25	"SOLID PANEL PRELAM PVC DOOR SHUTTER" Providing and fixing 30MM thick factory made rigid foam with both side Prelam Panelled Door Shutters made from M.S. tube of 19 x 19mm, 19 gauge for styles and 15 x 15mm for top & bottom rails, covered with heat moulded Prelaminated PVC 'C' Channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S Frams, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges.	Sqm	23.50	4045.68	95073.48			23.50	95073.48	23.50	95073.48
26	Providing and fixing M.S. grill work for windows and ventilator weighing 21kg/Sqm using M.S. flats, or M.S square rods or combination of M.S. flats and steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures labour and HOM of machinery specifications	Kg	162.54	102.60	16676.60			162.54	16676.60	162.54	16676.60

27	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with.1,2mm thick, bottom section weight 0.695 kg/m, sides and top sections1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, rawl plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification do- using aluminium section powdered coated to a minimum of	Sqm	7.74	4725.00	36571.50			7.74	36571.50	7.74	36571.50
28	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specificatios	Sqm	29.61	54.00	1598.94			29.61	1598.94	29.61	1598.94
29	Providing and applying painting two coats (excluding priming coat) on new wood surface and/ or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications (P.No. 121, I.No. 15.60.1 of SR 2018-19).	Sqm	29.61	104.76	3101.94			29.61	3101.94	29.61	3101.94
30	Extra over Item No. 15-17.6 for applying every subsequent coat of enamel paint to give an even shade after cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	29.61	59.40	1758.83			29.61	1758.83	29.61	1758.83
31	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 900mm	Sqm	3.60	2603.72	9373.39			3.60	9373.39	3.60	9373.39
32	Providing and fixing Ceramic tiles of size 400x400mm for flooring, threads, steps and landing, laid on a bed of 20mm thick cement mortar 1:3 mix flush pointing with white cement mixed with matching colour pigment including curing, cleaning etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for equipment, , etc., complete as per specification	Sqm	80.71	1226.69	99006.15			80.71	99006.15	80.71	99006.15
33	Providing and fixing colour glazed tiles of size 300mmx600mm for walls with borders of size 300x100mm, set in Cement Mortar 1:3 and pointed with white cement with matching colour pigment with necessary curing, cleaning including providing and removing scaffolding wherever necessary etc., complete. The work includes cost of all materials, mortar, labour charges for all items of work, hire charges for equipment etc., complete as per specification **(P.No.112, I.No. 14.64 of PWD SR 2018-19)**.	Sqm	102.15	1313.09	134132.14			102.15	134132.14	102.15	134132.14
34	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (Page No116, Item No.15.18)	Sqm	71.79	319.68	22949.83			71.79	22949.83	71.79	22949.83
35	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - **25mm nominal OD pipes (P.No.96, I.No. 13.86.3 of PWD SR 2016-17)**	Mtr	55.00	183.60	10098.00			55.00	10098.00	55.00	10098.00
36	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) - **20mm nominal OD pipes (P.No.98, I.No. 13.85.2 of PWD SR 2018-19)**	Mtr	85.00	169.56	14412.60			85.00	14412.60	85.00	14412.60

37	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **160mm outer dia**	Mtr	25.00	1352.16	33804.00			25.00	33804.00	25.00	33804.00
38	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with **110mm outer dia**	Mtr	33.00	654.48	21597.84			33.00	21597.84	33.00	21597.84
39	KSRB 13-6 1 . Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification	each	25.00	205.20	5130.00			25.00	5130.00	25.00	5130.00
40	**providing and fixing in position brass gate valve** with C.I. Wheel of approved quality (Screwed end) 20mm nominal bore including cost of all materials labour and HOM of Equipments with all lead complete as per specificatins	each	5.00	362.88	1814.40			5.00	1814.40	5.00	1814.40
41	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. - **for 32mm dia (P.No.97, I.No. 13.81.1 of PWD SR 2018-19)**	each	15.00	129.60	1944.00			15.00	1944.00	15.00	1944.00
42	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm	Nos	4.00	5912.75	23651.00			4.00	23651.00	4.00	23651.00
43	Providing and fixing on wall surface 4.0kg/Sq.cm **H.D.P.E. rain down water pipes 90mm outer dia approved** make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specification	Mtr	7.00	422.28	2955.96			7.00	2955.96	7.00	2955.96
44	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	pan	11.00	3786.48	41651.28			11.00	41651.28	11.00	41651.28
45	Providing and fixing white vitreous china clay flat back **wash basin size 630x450mm with a** single of 15mm C.P. brass pillar taps with C.I. /M.S. brackets 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cuttings and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications	unit	6.00	3400.92	20405.52			6.00	20405.52	6.00	20405.52
46	Providing and fixing white vitreaus **china clay, flat back, lipped front urinal basin of 430x260x350mm** with 5 litre PVC automatic flushing cistren, C.I./M.S bracket, standard flush pipe and c.P. brass spreaders with brass union and G.I.Clamp Complete painting of fitting and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specification	Unit	6.00	3317.76	19906.56			6.00	19906.56	6.00	19906.56
47	Providing and fixing 7.5 cms to 15.00 cms dia NP grating **100 mm dia.**	each	10.00	162.00	1620.00			10.00	1620.00	10.00	1620.00
48	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms	each	10.00	270.00	2700.00			10.00	2700.00	10.00	2700.00

	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **(For 1000 litre capacity)**	Nos	2.00	7374.24	14748.48			2.00	14748.48	2.00	14748.48
	Rectangalur shape mirror of size **1500x450mm** with plastic moulded frame	Nos	3.00	1006.76	3020.28			3.00	3020.28	3.00	3020.28
	Providing electrical Charges	L/S	1.00	10000.00	10000.00			0.00	0.00	0.00	0.00

Work Cost Rs		**2575409.97**	**2575409.97**
Add KRIDL Charge 4%		103016.40	103016.40
Sub Total Rs		2678426.37	2678426.37
Add Gst 12%		321411.16	321411.16
Total Rs		**2999837.53**	**2999837.53**

309049=00 309049=
2987475=00 2987475=00

Rupees Twenty Nine Lakh(s) Ninety Nine Thousand Eight Hundred Thirty Seven And Paise Fifty Three Only

Certificate:

Certified that the contractor has work done satisfactorily.

Certified that the contractor has removed the debries from work site.

Certified that there is no departmental issues made by Contractor .

AEE KRIDL

Assistant Engineer
Ward No 13

Assistante Executive Engineer
Shettyhalli Sub Division